heatmiser®

Stylish Thermostats For Modern Living

Domestic Heating Control Systems

Dial Type Thermostats

Stylish Dial Type Thermostats

Our range of electronic dial type thermostats are simple to use and offer a greater level of accuracy than standard bi-metallic versions. These thermostats are used in conjunction with a separate programmer.

Headline Information

Mounting Type
Surface mounting:
DS1/DS1-L and DS1-E/DS1-EL
Flush mounting:
DS-SB

Temperature Range
05-35°C

Lock Facility
DS1-L / DS1-EL

Indication Type
LED: DS1/DS1-E/DS-SB
LCD: DS1-L/DS1-EL

Set Back Facility
DS-SB

Dimensions
DS1/DS1-L/DS1-E/DS1-EL
92x92x34mm (L,H,D)
DS-SB
92x92x17mm (L,H,D)

E.U. Back Box
DS-SB

Product Ranges

Flush Mount with Set Back Function - DS-SB
1 Model, suitable for radiator and water underfloor heating.

Surface Mount with LED Indication - DS1 Series
2 Models, suitable for water & electric heating systems.

Surface Mount with LCD Indication - DS1-L Series
2 Models, suitable for water & electric heating systems.

Key Features

Set Back Function
Standard dial thermostats are either on or off according to the time clock controlling the system. A set back thermostat is different. It will follow the temperature set on the dial during the timed period and will automatically reduce the set temperature by 4°C when its timed to be off.

Surface Mount for Easy Installation
The DS1 and DS1-L series are surface mounting for easy installation. Modern styling remains in keeping with the rest of the Heatmiser range.

Dial Lock Facility
The DS1-L series offers a dial lock, allowing you to reduce tampering of the heating system. A simple way of reducing your energy costs.

On / Off / Time Clock Switch
A slide switch on the side of the thermostat allows you to switch between On, Permanent Off or Time Clock. In On mode, the thermostat will maintain the set temperature on the dial, but will ignore the time clock input.

Power and Heating Indication
The DS1 series provides power and heating on indication in the form of coloured LEDs.

Temperature Range Limit
On the DS-SB Public thermostat you can limit the temperature range. Adjustment is only possible by removing a screw making the DS-SB Public features ideal for commercial applications. The DS-SB is shipped ready to work in On/Off but can be wired to work in SetBack Mode.

FEATURES	AIR ONLY MODELS				AIR & FLOOR MODELS	
	DS1	DS1-L	DS-SB	DS-SB Public	DS1-E	DS1-EL
Temperature Range	05-35 °C	05-35 °C	05-35 °C	05-35 °C	05-35 °C	05-35 °C
Mounting Type	Surface	Surface	Flush	Flush	Surface	Surface
Set Back Function	N	N	Y	Y	N	N
Digital Display	N	Y	N	N	N	Y
Time Clock Override Switch	N	N	Y	N	N	N
Dial Lock	N	Y	N	Y	N	Y
Built In Air Sensor	Y	Y	Y	Y	Y	Y
Remote Air Sensor	N	N	Y	Y	N	N
Floor Sensing Mode	N	N	N	N	Y	Y
Floor Probe Included	N	N	N	N	Y	Y
Built In Air & Floor	N	N	N	N	Y	Y
Adjustable Switching Differential	Y	Y	N	N	Y	Y
Range Limit (Screw required to adjust)	N	N	N	Y	N	N
Accuracy	+/- 1.5°C	+/- 1.5°C	+/- 1.5°C	+/- 1.5°C	+/- 1.5°C	+/- 1.5°C
Dimensions	92x92x34mm	92x92x34mm	92x92x17mm	92x92x17mm	92x92x34mm	92x92x34mm
Max Switching Current	3A	3A	3A	3A	13A	13A
Supply	230VAC	230VAC	230VAC	230VAC	230VAC	230VAC
Weight	150g	150g	150g	150g	150g	150g

Flush Mount with Set Back Function DS-SB

Public Thermostat with Range Limit DS–SB Public

Surface Mount with LCD Indication DS1-L Series

Surface Mount with LED Indication DS1 Series

Slimline Thermostats

Our most popular product line

Three ranges are available, including our Slimline 230v model, Slimline-E Electric Floor Heating model and our 12v Network Models ideal for those looking to control their system centrally.

Headline Information

Mounting Type
Flush mounting

Temperature Range
05-35°C
41-95°F

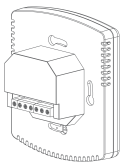
Lock Facility
Yes - All models

Indication Type
LCD with Blue Back Light

Optional Extras
Infrared Remote Control

Dimensions
98x85x16mm (L,H,D)
(13mm Installed)

E.U. Back Box



Product Ranges

230v Model
Can be used to upgrade existing thermostats and can be used in conjunction with our UH2 and UH8 wiring centres.

12v Network Models
Have been designed to work as part of a network system, and can be used in conjunction with our UH1 wiring centre and network products.
*See pages 25 for system overview.

Electric Floor Model
Supplied with a remote floor sensor, the Slimline-E offers the ability to measure room temperature, floor temperature or both. The Slimline-E is rated at 16A making it ideal for electric floor heating.

Key Features

Modern Slimline Appearance
The slimline thermostat series is flush mounting, resulting in a depth of only 13mm after installation.

Remote Control
All models within our slimline series are compatible with our Infrared remote control.
(Part Reference: RM1)

Holiday Function
Reduces the set temperature in your home for the duration of your holiday and returns to programmed settings to ensure your home is warm on your return.

Energy Saving Optimum Start
Calculates the amount of heat up time required to ensure your home is warm when you wake and return home. This is automatically optimised throughout the year to save you money.

Temperature Override
Allows you to adjust the desired temperature in your home without the need to fully re-program the thermostat. This new set temperature will be maintained until the next programmed setting.

Temperature Hold Facility
Allows you to hold a set temperature for a specific duration - ideal for parties. After which, the thermostat will revert back to the programmed setting.

FEATURES	230V	12V		ELECTRIC FLOOR MODEL
	Slimline	Slimline-N	Slimline-HW-N	Slimline-E
Temperature Range	05-35 °C 41-95 °F	05-35 °C 41-95 °F	05-35 °C 41-95 °F	05-35 °C 05-95 °F
Blue Back Lit Screen	Y	Y	Y	Y
5/2 Day Programming Mode	Y	Y	Y	Y
7 Day Programming Mode	Y	Y	Y	Y
Number of Heating Levels	4	4	4	4
Optimum Start	Y	Y	Y	Y
Number of HW Times	N	N	Y	N
Holiday Function	Y	Y	Y	N
Keylock Function	Y	Y	Y	Y
Temperature Hold Function	Y	Y	Y	Y
Temperature Override	Y	Y	Y	Y
Temperature Override Limit	Y	Y	Y	Y
Frost Protection	Y	Y	Y	Y
Networking Facility	N	Y	Y	N
°C / °F Option	Y	Y	Y	Y
Remote Air Sensor Connection	Y	Y	N	Y
Remote Air Sensor Included	N	N	N	N
Built In Air Sensor	N	Y	Y	Y
Floor Sensing Mode	N	Y	N	Y
Floor Sensor Included	N	N	N	Y
Max Switching Current	3A	3A	3A	16A
Accuracy	+/-1 °C	+/-1 °C	+/-1 °C	+/-1 °C
Infrared Remote Control Option	Y	Y	Y	Y
Adjustable Switching Differential	Y	Y	Y	Y
Supply	230VAC	12VDC	12VDC	230VAC
Installed Dimensions	98x85x13mm(L,H,D)	98x85x13mm(L,H,D)		98x85x13mm(L,H,D)
Weight	195g	195g	195g	195g

Thimble Sensor

Part Ref: Heatmiser Thimble Sensor

The Heatmiser Thimble sensor is ideal for discrete temperature monitoring and is compatible with all Heatmiser Thermostats with a remote sensor connection.

Remote Sensor Probe

Part Ref: Heatmiser MISC103

This remote sensor probe can be used to measure air and floor temperature. This probe is supplied with a 3 meter cable which can be extended to 20 meters if required.

TouchScreen Thermostats

Making your life a little easier

The intuitive TouchScreen display makes searching for the user manual a thing of the past.

Headline Information

Mounting Type
Flush mounting

Temperature Range
05-35°C
41-95°F

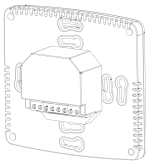
Lock Facility
Yes - All models

Indication Type
LCD with Blue Back Light

Adjustable Switching Differential
0.5-3°C

Dimensions
110x100x17mm (L,H,D)

E.U. Back Box



Product Ranges

230v Models
Can be used to upgrade existing thermostats and can be used in conjunction with our UH2 and UH8 wiring centres.

12v Network Models
Have been designed to work as part of a network system, and can be used in conjunction with our UH1 wiring centre and network products. See page 24 and 25 for our system overview.

Air / Floor Models
Are supplied with a remote floor sensor and provide the ability to measure room temperature, floor temperature or both. The Touch-E offer 16A switching making them ideal for electric floor heating.

Key Features

5/2 & 7 Day Programming
5/2 Day mode is ideal for those who keep to one schedule Monday - Friday and another for the weekend. 7 Day mode allows you to have a different schedule for each day of the week. Ideal for families with changing schedules.

Adjustable Switching Differential
Our TouchScreen Series has an adjustable switching differential from 0.5°C - 3°C. This function allows you to get even tighter control of your heating system.

Networking Facility
Control your heating from anywhere. Our 12v network thermostats offer you the ability to control your heating centrally, with the use of our TouchPad. Take a look at pages 24-25 for more details on our network products.

Frost Protection
A function designed to protect your home against frost. An adjustable frost temperature level can be programmed, between 7°C - 17°C, ensuring your home is always protected against the elements whilst you are away.

Keylock Function
Locking the thermostat keypad is an easy way to save energy. Allowing access to only those that require it.

Two Zone Models
The Touch-Duo is ideal for bedrooms with ensuite. Zone one uses the built in air sensor whilst zone two uses the remote thimble sensor provided.

FEATURES	230V		12V		ELECTRIC FLOOR MODEL
	Touch	Touch-Duo	Touch-N	Touch-HWN	Touch-E
Blue Back Lit Screen	Y	Y	Y	Y	Y
5/2 Day Programming Mode	Y	Y	Y	Y	Y
7 Day Programming Mode	Y	Y	Y	Y	Y
Number of Heating Levels	4	4	4	4	4
Optimum Start	Y	Y	Y	Y	Y
Number of HW Times	N	N	N	Y	N
Number of Zones	1	2	-	-	-
Holiday Function	Y	Y	Y	Y	Y
Keylock Function	Y	Y	Y	Y	Y
Temperature Hold Function	Y	Y	Y	Y	Y
Temperature Override	Y	Y	Y	Y	Y
Temperature Override Limit	Y	Y	Y	Y	Y
Frost Protection	Y	Y	Y	Y	Y
Networking Facility	N	N	Y	Y	N
°C / °F Option	Y	Y	Y	Y	Y
Built In Air Sensor	Y	Y	Y	Y	Y
Remote Air Sensor	N	N	Y	N	Y
Remote Air Sensor Included	N	N	N	N	N
Thimble Air Sensor Included	N	Y	N	N	N
Floor Sensing Mode	N	N	Y	N	Y
Floor Sensor Included	N	N	N	N	Y
Max Switching Current	3A	3A	3A	3A	16A
Accuracy	+/-1°C	+/-1°C	+/-1°C	+/-1°C	+/-1°C
Adjustable Switching Differential	0.5 - 3°C	0.5 - 3°C	0.5 - 3°C	0.5 - 3°C	0.5 - 3°C
Supply	230VAC	230VAC	12VDC	12VDC	230VAC

Thimble Sensor

Part Ref: Heatmiser Thimble Sensor

The Heatmiser Thimble sensor is ideal for discrete temperature monitoring and is compatible with all Heatmiser Thermostats with a remote sensor connection.

Remote Sensor Probe

Part Ref: Heatmiser MISC103

This remote sensor probe can be used to measure air and floor temperature. This probe is supplied with a 3 meter cable which can be extended to 20 meters if required.

Battery Thermostats & **Time Clocks**

Slimline design to compliment any environment

Headline Information

Mounting Type
Battery Thermostats:
Surface mounting

Time Clocks:
Flush mounting

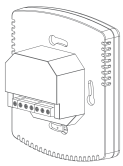
Battery Thermostat Temperature Range
05-35°C

Lock Facility
Yes - All models

Indication Type
LCD with Blue Back Light

Dimensions
Battery Thermostats:
86x99x24mm (L,H,D)
Slimline Time Clocks:
98x85x16mm (L,H,D)
TouchScreen Time Clocks:
92x92x17mm (L,H,D)

E.U. Back Box
Time Clock Only



Battery Thermostat Series

Our battery thermostats are a viable upgrade route for those with a dial thermostat working on a 2 wire system. The design follows our slimline thermostat series with Non-programmable and Programmable models being available.

Key Features

Battery powered
Powered from 2 x AAA Batteries – suitable for 2 wire heating systems.

Surface mount
Our battery thermostats are surface mounted for easy installation, making them perfect for the retrofit market.

Optimum Start
A feature whereby the thermostat calculates the amount of heat up time required, is standard on the Programmable model (PRT-B).

Key Lock Function
Our battery thermostats are equipped with a key lock helping to prevent energy usage by restricting access.

FEATURES	BATTERY THERMOSTATS	
	DT-B	PRT-B
5/2 Day Programming Mode	N	Y
7 Day Programming Mode	N	Y
Number of Heating Levels	1	4
Optimum Start	N	Y
Holiday Function	N	Y
Keylock Function	Y	Y
Temperature Hold Function	N	Y
Temperature Override Limit	Y	Y
Frost Protection	Y	Y
°C / °F Option	Y	Y
Built In Air Sensor	Y	Y
Accuracy	+/-1°C	+/-1°C
Adjustable Switching Differential	Y	Y
Supply	2 x AAA	2 x AAA

Battery Thermostat
Part Ref: Heatmiser PRT-B

Slimline Time Clock
Part Ref: Heatmiser TM1

FEATURES	TIME CLOCKS 230V MODELS		TIME CLOCKS 12V NETWORK MODELS
	TM1	TM4-TS	TM1-N
Blue Back Lit Screen	Keypad	TouchScreen	Keypad
Keypad/TouchScreen	Y	Y	Y
Number of Zones	1	4	1
5/2 Day Programming Mode	Y	Y	Y
7 Day Programming Mode	Y	Y	Y
Number of Switching Times	4	4	4
+ Boost Facility	N	Y	N
Auto/Off/Constant Facility	N	Y	N
Copy Facility	N	Y	N
Countdown Timer Function	Y	N	Y
Holiday Function	Y	Y	Y
Keylock Function	Y	Y	Y
Manual Override	Y	Y	Y
Networking Facility	N	N	Y
Max Switching Current	3A	3A	3A
Changeover Output Option	Y	N	N
Supply	230VAC	230VAC	12VDC

Product Ranges

230v Models
Are designed to work with our UH8 wiring centre and dial thermostat with set back function, providing simple but effective control.

12v Network Models
Have been designed to work as part of a network system, and can be used in conjunction with our UH1 wiring centre and network products.

Key Features

Number of Zones
A single zone can be controlled on the TM1 series and 4 zones can be controlled on the TM4 series.

Number of Switching Times
4 On/Off times are provided on all time clock models, allowing flexible control of your heating system.

On/Off/Constant
A mode select button providing an easy method of switching between permanent on, permanent off or auto (time clock mode) TM4 only.

Countdown Timer
A simple yet useful function that enables the output for the duration of the programmed countdown time.

+ Boost Facility
This programmable function allows you to extend the program time, in 30 minute increments - ideal for unscheduled operation of the system.

From Towel Rails to Lighting
All time clock models can be used to control anything - not just your heating system. In fact, those using our networking system can control each time clock independently from the TouchPad or over the internet, so it makes sense to use one of our time clocks wherever you want complete control.

Wireless Thermostats

Wireless design for easy installation

Wiring a conventional thermostat often includes lifting floor-boards or chasing out plaster work. Our wireless thermostats offer an effective alternative, and are the ideal choice for extensions or when you are looking to relocate your thermostat.

Headline Information

Mounting Type
TouchScreen:
Desk & Wall mounting
Slimline:
Wall mounting

Temperature Range
05-35°C
41-95°F

Lock Facility
Yes - All models

Indication Type
LCD with Blue Back Light

Dimensions
TouchScreen Thermostats:
110x100x21mm (L,H,D)
Battery Thermostats:
86x99x24mm (L,H,D)

Key Features

Relocate
Many thermostats are sited incorrectly, causing your boiler to come on more than necessary. A wireless thermostat allows you to move your thermostat to a more suitable position, without the need to run additional cables. What's more, our TouchScreen models have a desk stand, enabling you to move the thermostat around the house with you.

Rechargeable Battery
(TouchScreen models only)
Our Wireless TouchScreen series incorporate a rechargeable battery, saving money on replacement batteries. A USB recharge cable is provided, and an optional plug-in charger is available.

Fail Safe
A loss of wireless connection could leave your home vulnerable to frost damage. The fail safe function enables the heating for 20% of the time, ensuring the temperature in your home does not drop to dangerous levels.

Key Lock Function
A simple way to reduce tampering of the system settings, and standard across our wireless thermostat series.

Compatible Receivers
Our Wireless thermostats are compatible with our 2 channel RF-Switch and 8 zone UH8-RF wireless receivers.

Easily Change Batteries
(Slimline models only)

TouchScreen Wireless Thermostat Series

Rechargable Battery (via USB)

Slimline Wireless Thermostat Series

FEATURES	Slimline-RF	Touch-RF
Compatible Receivers		
RF Switch	Y	Y
UH8-RF	Y	Y
Operating Type	Button	Touchscreen
Temperature Range	05-35 °C - 41-95 °F	05-35 °C - 41-95 °F
Heating Only Mode (Selectable by User)	Y	Y
Heating & Hot Water Mode (Selectable by User)	Y	Y
Non Programmable Mode	Y	Y
5/2 Day Programming Mode	Y	Y
7 Day Programming Mode	Y	Y
Number of Heating Levels	4	4
Optimum Start	Y	Y
Number of HW Times	4	4
Holiday Function	Y	Y
Keylock Function	Y	Y
Temperature Hold	Y	Y
Temperature Override	Y	Y
Frost Protection	Y	Y
C/F Function	Y	Y
Built in Air Sensor	Y	Y
Remote Air Sensor Connection	Y	N
Accuracy	1 °C	1 °C
Adjustable Switching Differential	Y	Y
Wireless Fail Safe Function	Y	Y
RF Frequency	868MhZ	868MhZ
Operational Radio Range (Open Space)	Up to 100M	Up to 100M
Power	2 X AAA	Rechargeable Battery
Battery Lifetime	1 Year	1 Year
USB Power Lead Included	N	Y
Mounting Type	Wall	Wall/Desk
Dimensions	85mm(L) x 98mm (H) x 24mm	110mm(L) 100mm (H) x 20mm (D)

Wireless Receivers

Our wireless receivers are designed to work with our wireless thermostats and are ideally suited for water underfloor heating and conventional heating systems.

Headline Information

Mounting Type
RF Switch / Boost
UH8-RF
Surface Mounting

Indication Type
LED

Dimensions
RF Switch / Boost
108x90x24mm (L,H,D)
UH8-RF:
384x148x60mm (L,H,D)

Compatability

Wireless Slimline Thermostat
Part Ref: Slimline-RF

Wireless TouchScreen Thermostat
Part Ref: Touch-RF

Heatmiser RF Switch

The Heatmiser RF Switch is our surface mount 2 channel RF Receiver compatible with the Slimline RF and Touch RF Thermostats.

A single Slimline RF / Touch RF in Heating Only mode or a single Slimline RF / Touch RF in Heating/Hot Water mode can be paired to the RF Switch.

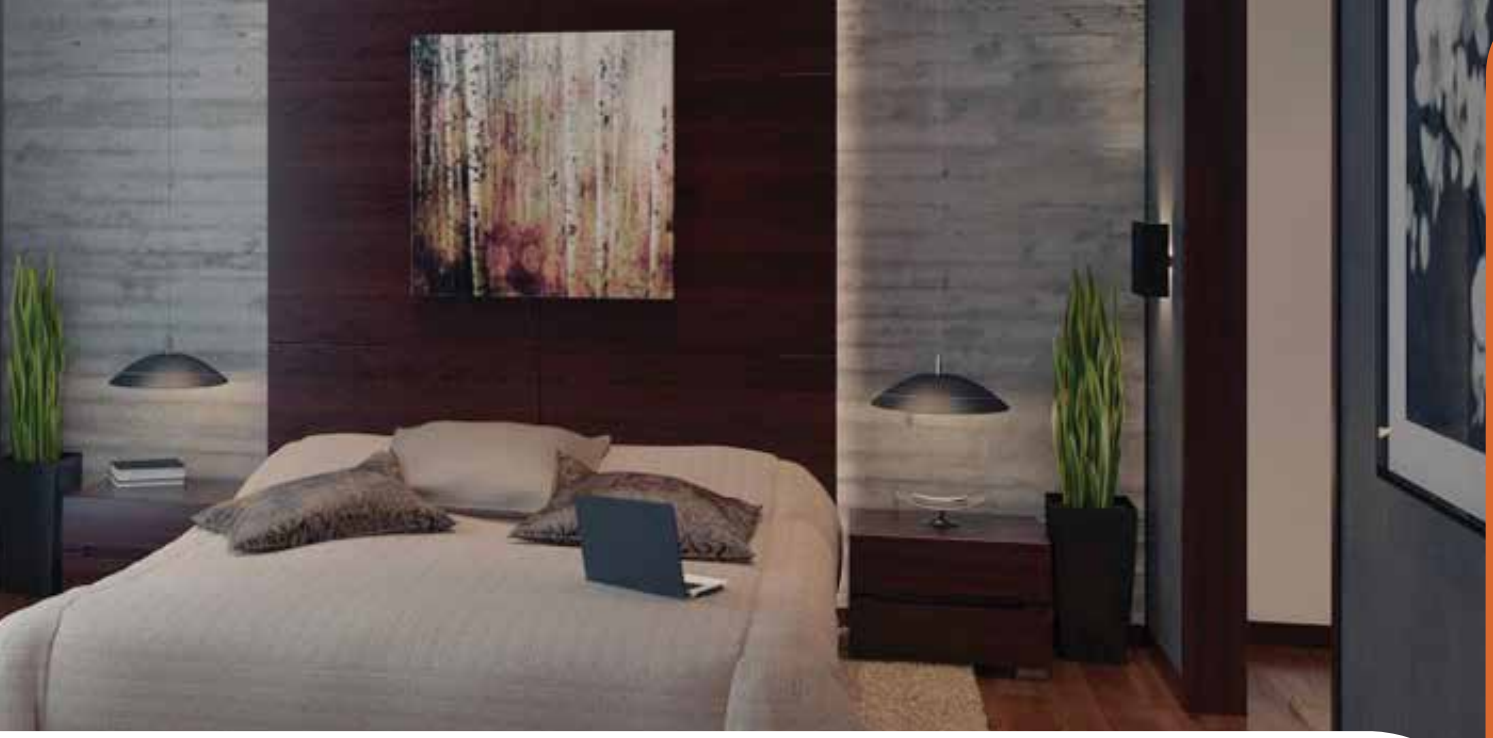
In addition to the two changeover contacts for the heating and hot water circuits, the RF Switch provides a volt free switch for the boiler.

The RF Switch can be paired to multiple UH8-RF, providing a wireless link for the boiler signal.

8 Zone Wiring Centre
Part Ref: Heatmiser UH8-RF

Heatmiser Boost

The Heatmiser Boost is our surface mount 230v powered wireless repeater for the RF and Neo systems designed to extend the communication distance between the thermostat and receiver.



FEATURES	RF-Switch	UH8-RF
Mounting Type	Surface	Surface
Compatible with	Slimline RF / Touch RF	Slimline RF / Touch RF
Number of Channel	2	8
Fail Safe	Y	Y
Power	230V AC	230V AC
Rating	3A	3A
Optional Extendable Aerial	N	Y
Operating Frequency	868MHz	868Mhz
Range(Open Space)	100M	100M
Pump Output	N	Y
Zone, HW & Pump Output Test Mode	N	Y
Boiler Enable	Y	Y
HW Cylinder Thermostat Connection	N	Y
Per Zone UFH / Radiator Selection	N	Y

Wireless Wiring Centre

Wireless 230v 8 Zone Wiring Centre

Part Ref: Heatmiser UH8-RF

The UH8-RF is designed to be used in conjunction with our Slimline RF and Touch RF Wireless Thermostats.

The UH8-RF provides central switching and is therefore ideally situated next to the underfloor heating manifold. Eight zones can be controlled as well as providing an output for a hot water cylinder. On demand from any zone, a 230v output is provided to switch the relevant zone actuators, underfloor heating pump and valve. A volt free connection is supplied for the boiler making it compatible with almost all types of boilers. The RF Switch can also be paired to multiple UH8-RF providing a wireless link for the boiler enable signal.

Up to 6 actuators can be connected to each zone. An external aerial is available for use when the UH8-RF is being mounted in a metal cupboard or when the wireless signal is restricted.

A software option in the thermostat allows you to configure which zones are underfloor heating and which zones are radiators. Radiator zones will not enable the underfloor heating pump and underfloor heating valve when there is a call for heat.

SMART STAT WiFi Smart Thermostat

SmartStat is our all-new WiFi Connected Thermostat with full colour LCD.

Now is the time to take control of your multi zone heating and hot water system from anywhere. What's more, our Geo Location feature ensures you never heat an empty home.

Headline Information

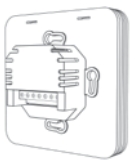
Mounting Type
Flush mounting

Temperature Range
05-35°C
41-95°F

Indication Type
2.8" Full Colour LCD

Dimensions
95x95x45mm
(15mm installed)

E.U. Back Box



Key Features

Control from your SmartPhone
SmartStat has built in WiFi so connects directly to your Home Router. As SmartStat connects to your SmartPhone via our cloud server setup is a dream and will take minutes – no technical setup here. SmartStat is compatible with iPhone & iPad and with Android SmartPhones & Tablets.

Heat or Timer Option
The SmartStat can be setup to work in either Heat or Timer mode, so is perfect for controlling heating zones or timer zones such as towel rails and hot water.

Auto Dimming
The SmartStat Display can be programmed to automatically dim in low light – making SmartStat perfect for bedrooms.

Frost Protection
Don't worry we have your home covered. The in built frost protection feature will protect your home against the elements.

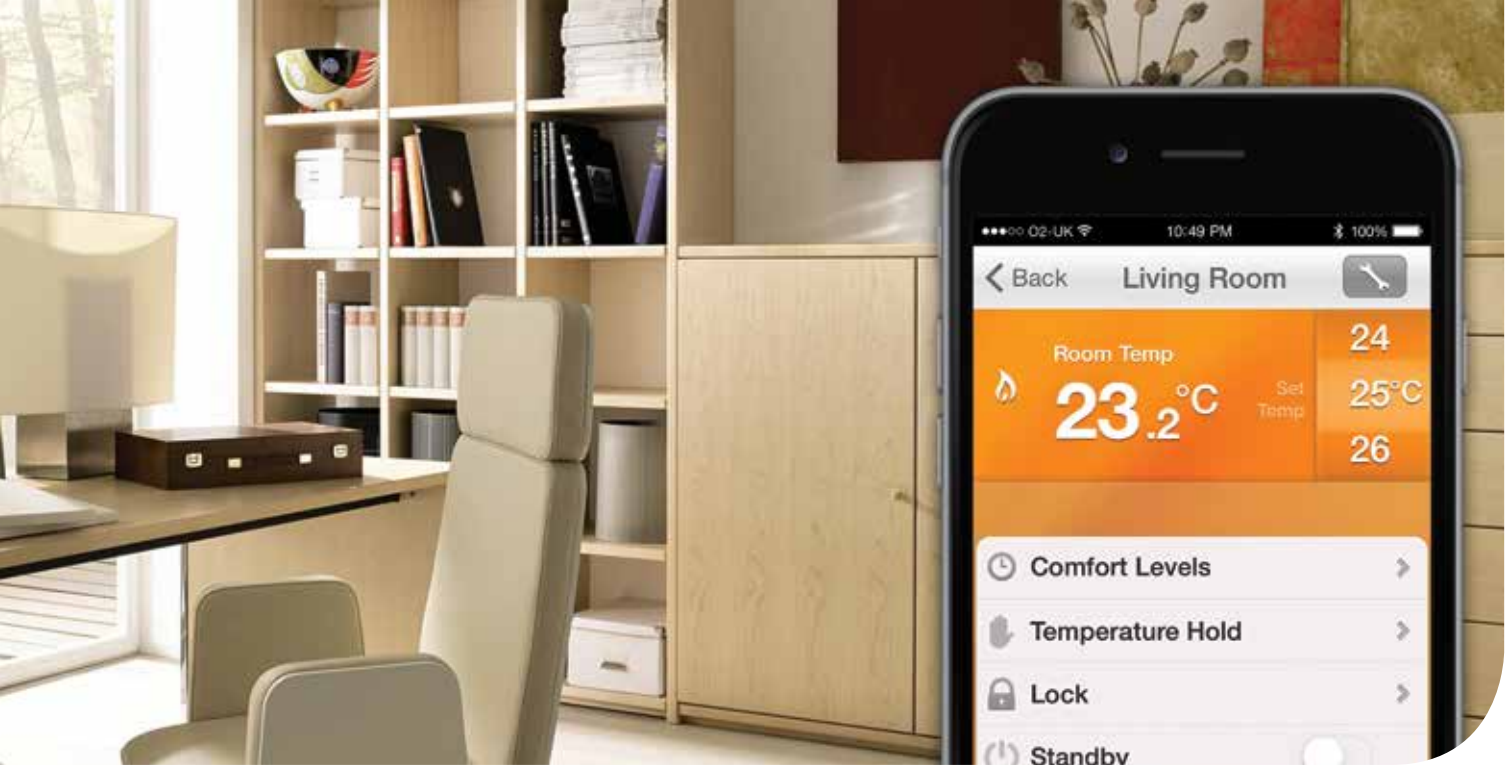
Thermostat and Programmer in One
Gone are the days of having a separate programmer and thermostat. SmartStat is both in one so you no longer have to fiddle with the awkwardly positioned thermostat.

Comfort Programming
Now is the time to re-think how you heat your home. SmartStat lets you have different temperatures at different times of the day, not only an energy saving feature but one that creates for a more comfortable living environment too. The Self Learning Optimum Start feature will automatically calculate when your heating should be on, so it's one less thing for you to worry about.

Geo Location
Geo Location uses the mobile phone masts, nearby WiFi and your GPS to calculate your position. When you setup Geo Location on the SmartStat App, you set a leaving and returning trigger. When you pass these triggers, SmartStat will adjust the temperature in your home automatically.

Multi-Zone
Up to 32 SmartStats can be controlled within one location without the need for any network hub. Global features such as Temperature Hold, Key Lock and Home/Away are all available on the SmartStat App.

Multi User
Multiple users can login to the SmartStat App and take control of the heating & hotwater from anywere. In addition, Geo Location can be configured on each persons device meaning the heating is turned off when the last person has left home and back on when the first person returns.



FEATURES	SMARTSTAT
Temperature Range	05-35 °C 41-95 °F
Blue Back Lit Screen	Y
Non-Programmable Mode	Y
5/2 Day Programming Mode	Y
7 Day Programming Mode	Y
24 Hour Programming Mode	Y
Number of Heating Levels	4
Optimum Start	Y
Number of HW Times	0
Holiday Function	Y
Temperature Hold Function	Y
Temperature Override	Y
Temperature Override Limit Frost	Y
Protection	Y
App Control	Y
°C / °F Option	Y
Remote Air Sensor Connection	Y
Built In Air Sensor	Y
Floor Sensing Mode	Y
Floor Sensor Included	N
Max Switching Current	3A
Accuracy	+/- 1°C
Adjustable Switching Differential	+/- 1-3°C
Supply	230VAC
Output	Volt Free Contact
Installed Dimensions	95x95x15mm (L,H,D)
Weight	128g

Available In Two Stunning Colours

Sapphire Black

Glacier White

Thimble Sensor

Part Ref: Heatmiser Thimble Sensor

The Heatmiser Thimble sensor is ideal for discrete temperature monitoring and is compatible with all Heatmiser Thermostats with a remote sensor connection.

Remote Sensor Probe

Part Ref: Heatmiser MISC103

This remote sensor probe can be used to measure air and floor temperature. This probe is supplied with a 3 meter cable which can be extended to 20 meters if required.

neoStat

Modern touch technology

The neoStats have been designed to be simple to use and make programming simple with the new intuitive menu navigation.
The neoStats can be controlled from anywhere thanks to the plug and play neoHub, and are available in Glacier White and Sapphire Black.

Headline Information

Mounting Type
Flush mounting

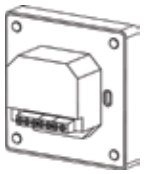
Temperature Range
05-35°C
41-95°F

Lock Facility
Yes - All models

Indication Type
LCD with Blue Back Light

Dimensions
85x85x40mm (L,H,D)
(15mm Installed)

E.U. Back Box



Key Features

Modern Slimline Appearance
The neoStat thermostat series is flush mounting, resulting in a depth of only 15mm after installation.

Energy Saving Optimum Start
Calculates the amount of heat up time required to ensure your home is warm when you wake and return home. This is automatically optimised throughout the year to save you money.

Temperature Hold Facility
Allows you to hold a set temperature for a specific duration - ideal for parties. After which, the thermostat will revert back to the programmed setting.

Heat or Timer Option
The neoStat can be setup to work in either Heat or Timer mode, so is perfect for controlling heating zones or timer zones such as towel rails and hot water. The quick setup menu enables the installer or home owner to select between the two modes, and by incorporating the two modes into one product means one less SKU for stockists.

Wireless Networking
Although the heating signal is hard wired, the communication data is sent wirelessly via our mesh network to the neoHub. Our Neo network has been designed to offer a reliable and scaleable network system, offering control of up to 32 neoStats on one network. The neoHub will automatically route the data around your home ensuring range is never an issue.

Perfect for New Build & Retrofit
As the neoStat is mains powered, it is perfect for new homes and for retrofitting to existing properties as there are no requirements for CAT5 Data cable and you don't need to worry about replacing batteries either!

Easy Navigation
The neoStat series offers an easy to navigate programming system, providing all of the options across the bottom of the blue back lit display.

Soft Touch Operation
Modern touch sensitive keys provide a clean smooth interface, adding further to the premium feel of the neoStat series.

Remote Sensing
Neo can be used with remote air and floor sensors to cater for applications where remote temperature monitoring is required.

FEATURES	STANDARD MODELS		ELECTRIC FLOOR MODEL
	neoStat	neoStat-hw	neoStat-e
Temperature Range	05-35 °C 41-95 °F	N/A	05-35 °C 41-95 °F
Blue Back Lit Screen	Y	Y	Y
Non-Programmable Mode	Y	N	Y
5/2 Day Programming Mode	Y	Y	Y
7 Day Programming Mode	Y	Y	Y
24 Hour Programming Mode	Y	Y	Y
Number of Heating Levels	4	N/A	4
Optimum Start	Y	N	Y
Number of HW Times	0	4	0
Holiday Function	Y	Y	Y
Temperature Hold Function	Y	N	Y
Temperature Override	Y	N	Y
Temperature Override Limit Frost	Y	N	Y
Protection	Y	N	Y
Networking Facility	Y	Y	Y
°C / °F Option	Y	N	Y
Remote Air Sensor Connection	Y	N	Y
Built In Air Sensor	Y	N	Y
Floor Sensing Mode	Y	N	Y
Floor Sensor Included	N	N	Y
Max Switching Current	3A	3A	16A
Accuracy	+/- 1°C	N/A	+/- 1°C
Adjustable Switching Differential	+/- 1-3°C	N/A	+/- 1-3°C
Supply	230VAC	230VAC	230VAC
Output	Volt Free Contact	Changeover	230VAC
Installed Dimensions	85x85x15mm (L,H,D)		85x85x15mm (L,H,D)
Weight	128g	128g	128g

Available In Three Stunning Colours

Sapphire Black

Glacier White

Platinum Silver

Thimble Sensor

Part Ref: Heatmiser Thimble Sensor

The Heatmiser Thimble sensor is ideal for discrete temperature monitoring and is compatible with all Heatmiser Thermostats with a remote sensor connection.

Remote Sensor Probe

Part Ref: Heatmiser MISC103

This remote sensor probe can be used to measure air and floor temperature. This probe is supplied with a 3 meter cable which can be extended to 20 meters if required.

Multi-Zone Control

Modern touch technology

The neoStat has been designed to replace a standard mains powered thermostat and provides the ability to create a network system, with local and remote access. With neo you can control your heating from anywhere using your smartphone or tablet.

Headline Information

Mounting Type
Flush mounting

Connectivity Standard
Wireless Mesh Network Technology

Lock Facility
Yes - All models

SmartPhone App
iPhone / iPad
Android Tablet & Phone
Kindle Devices
Windows Phone
Supported

Dimensions
85x85x40mm (L,H,D)
(15mm Installed)

E.U. Back Box

Key Features

Local Control (In case of loss of Broadband Connection)
Should the internet connection fail, the heating system can still be operated within the home by using the thermostat keypad. As soon as the internet connection is restored, your neoHub will automatically logon to the Cloud Server re-enabling app control.

API - Third Party Integration
Our published API (JSON) makes it easy for third party integration companies to integrate our Neo Network System with leading home automation brands products from companies such as Control4 and Crestron.

Multi-Locations
During the installation of the app, you are prompted to create an account on the Heatmiser Cloud Server after which multiple locations can be created. Logging into to your account from another device will present all of your Locations for quick and easy access.

Multi-Zone
The Heatmiser Neo Network system has been built from the ground up with multi-zone homes in mind. The neoHub coordinates the data between each neoStat thermostat on the network.

Plug and Play
The neoHub connects directly to a spare port on your router, obtaining an IP Address and joining itself to your home network. It has been designed to be simple to install and setup, and is compatible with broadband connections with Dynamic IP Addresses. The neoHub connects to our Cloud Server eliminating any complex setup requirements including port forwarding.

neoStat

neoHub

neoApp

Multi User Control

A new feature of the neoApp is the ability to have multiple users, providing an easy way of giving friends and family access to your heating system.

The Share and Geo Location features mean that you never need to heat an empty home – or return to a cold home any longer.

Share Modes

Guest Share
A Guest Share has limited access to the Neo System providing the ability to Hold a Temperature, Lock a Thermostat, Place the Heating into Standby mode and make temporary temperature changes. They cannot reprogram heating levels, remove zones or setup Geo Location.

In addition, Guest user access will be revoked on the date set in the neoApp - so is perfect for holiday rental applications.

Admin Share
Admin users have full access to the system including the Geo Location feature.

Geo Location & Share

Energy Saving when you Leave
Geo Location works on a User Level, so each user can setup their own preferred Leave and Return Trigger Distances, Temperatures and Applicable Zones.
When the last person has left home, the Leave temperature will be sent to the zones configured. Rest assured Neo won't turn the heating off if somebody is still at home – it only works when the last person has left.

A Warm Welcome Home
When the first person heads home, the Return temperatures will be sent to the configured zones ensuring that your home is warm for your return.

Adjustment Notifications Whenever Neo makes an adjustment to your heating system a notification will be presented in your phones notification centre so you're always kept informed of the status of your Neo System.

Base Level Water Underfloor Heating & Radiator System

230V Underfloor & Radiator System With Set Back Facility

Our base level water underfloor heating system uses our UH8, 8 Zone wiring centre. With the flush mount set back thermostats and 4 zone touchscreen time clock, this creates a simple, yet cost effective solution.

Headline Information

Connections for
8 x Zone outputs
(suitable for 230v actuators)
230v Output for UFH Pump & Valve Control
Volt Free Boiler Enable

Component Dimensions
Time Clock
110x100x17mm (L,H,D)
Set Back Thermostat
86 x 86 x 19mm (L,H,D)
Wiring Centre
384 x 148 x 60mm (L,H,D)

Providing
Wiring centre, controlling up to 8 zones
4 Zone Master Time Clock
230v Set Back Thermostat in each room

Product List
8 Zone Wiring Centre
Part Ref: Heatmiser UH8
(See page 31)
4 Zone Time Clock
Part Ref: Heatmiser TM4
(See page 09)
Set Back Thermostat
Part Ref: Heatmiser DS-SB
(See page 03)

Key Features

Simple Effective Control
Our base level heating system offers simple but effective control of up to eight zones*.
The UH8 wiring centre is the hub of this system and is designed to work with our four channel 230v Time Clock (TM4) and 230v Set Back Thermostat (DS-SB). On board the UH8 are two heating time channels. Each zone allows you to specify which time channel it should follow. Two additional time channel connections are provided for hot water control or other auxiliary devices.

** Additional zones can be controlled with the use of a second UH8.*

Neon Indication
Neon indicators are provided on the UH8 allowing you to see the power, valve, boiler and zone status without the need to remove the cover.

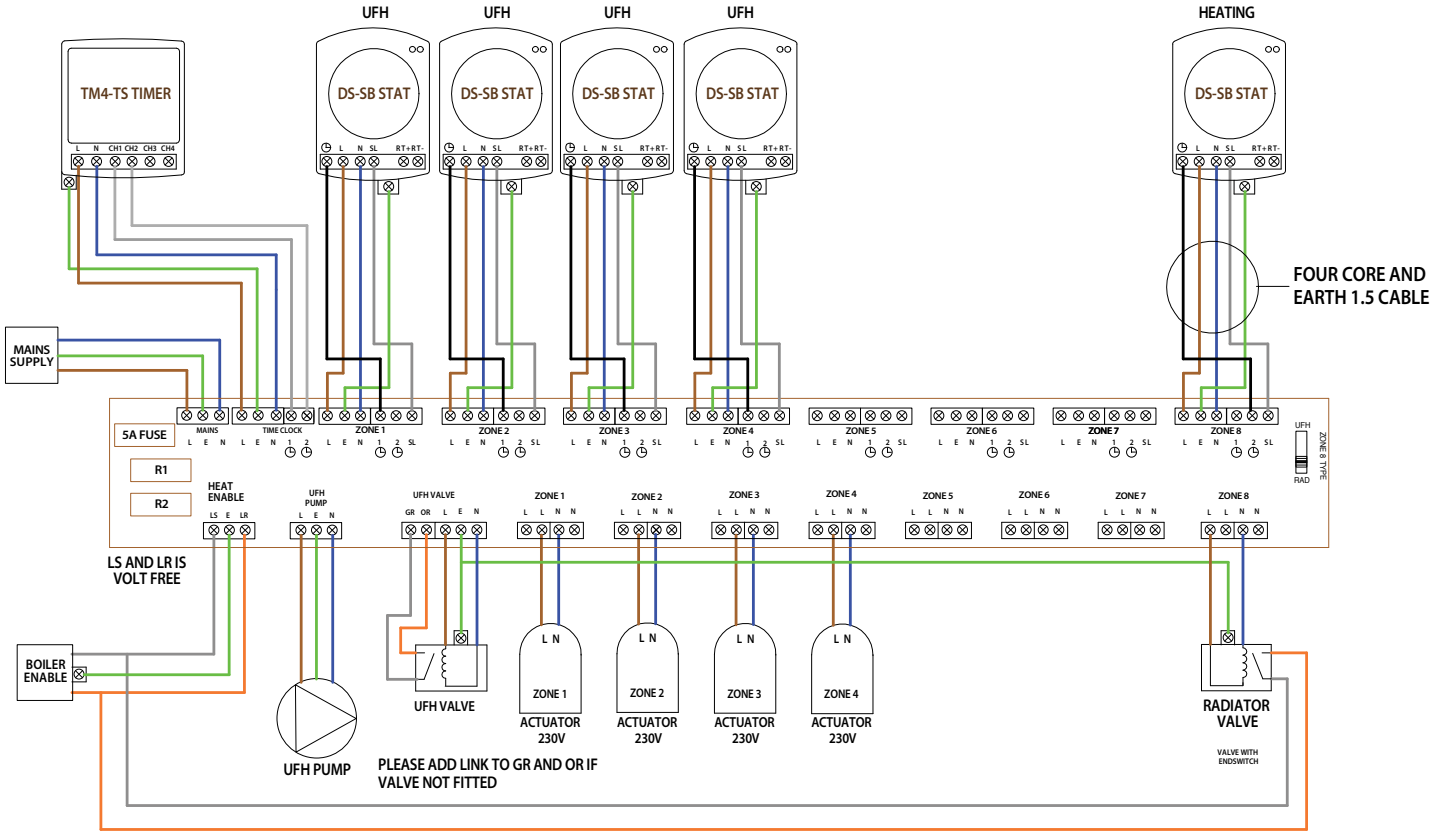
Simple Connectivity
The UH8 allows the connection of up to eight 230v room thermostats. On demand from any zone, a 230v output is provided to switch the relevant zone actuator, underfloor heating pump and valve. A volt free connection is supplied for the boiler, making it compatible with almost all types of boilers.

Set Back Function
The set back function is a simple way of reducing temperature when the heating is timed to be off. Standard dial thermostats are either on or off according to the time clock controlling the system. A set back thermostat is different. It will follow the temperature set on the dial during the timed period and will automatically reduce the set temperature by 4°C when its timed to be off.

DIN Rail Mounting
The UH8 wiring centre can be DIN Rail Mounted for simple, easy installation.

Radiator Zone Control
A simple slide switch makes zone eight suitable for controlling a radiator zone. When used for controlling radiators, zone 8 does not enable the underfloor heating pump, valve and boiler.

230v Models
Are designed to work with our UH8 wiring centre and dial thermostat with set back function, providing simple but effective control.



Standard Products

8 Zone Wiring Centre
Part Ref: Heatmiser UH8

4 Zone Time Clock
Part Ref: Heatmiser TM4-TS

Set Back Thermostat
Part Ref: Heatmiser DS-SB

Wireless Water Underfloor Heating & Radiator System

Designed to be easy to install and operate

Our wireless system is compatible with our wireless thermostats. Communication between the thermostat and wiring centre is achieved by reliable RF (radio frequency) communication, using the 868Mhz frequency band. This means the installer only needs to wire the boiler, pump and actuator connections, which are normally all local to the wiring centre.

Headline Information

Providing
Wiring centre,
controlling up to eight zones
Wireless thermostat in each room

Product List
8 Zone Wiring Centre
(expandable up to 792 Zones)
Part Ref: UH8-RF
(See page 30)

Compatible wireless thermostats
Examples:
Wireless Slimline Thermostat
Part Ref: Slimline-RF

Wireless TouchScreen Thermostat
Part Ref: Touch-RF

Optional Products
External Aerial
Part Ref: EA1

Slimline Wireless Repeater
Part Ref: Boost

Key Features

Simple Pairing Process
Up to 99 UH8-RF's can be used within the same building, allowing control of up to a possible 792 zones. Each UH8-RF has an address setting clearly marked on the PCB. This address, along with the relevant zone number is congured in the thermostat and that's it – a simple to install, setup and operate system.

Hot Water Control
The UH8-RF also takes care of the hot water. A volt free changeover output is provided for the cylinder stat/hot water valve.
The Slimline-RF & Touch-RF provide time and temperature control of the heating and time control of the hot water.

Pump & Boiler Delay
The UH8-RF offers an optional pump and boiler delay feature. This 2 minute delay is designed to prevent boilers from going to lockout by giving the zone actuators time to open.

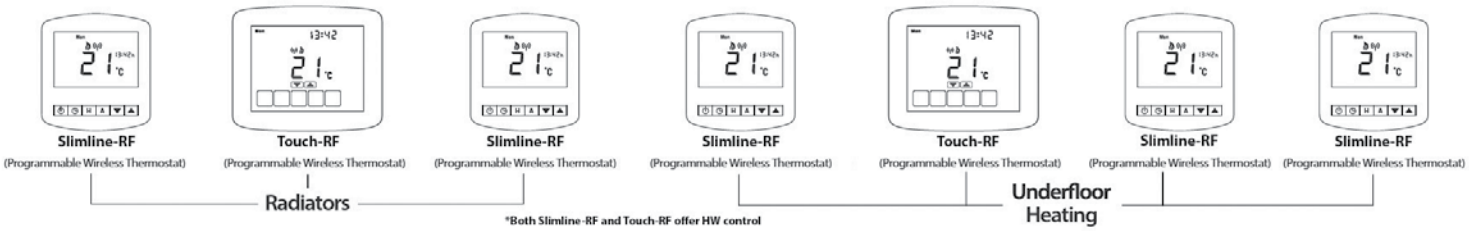
Radiator or Underfloor
A software option in the thermostat allows you to configure which zones are underfloor heating and which zones are radiators. Radiator zones will not enable the underfloor heating pump and underfloor heating valve where there is a call for heat.

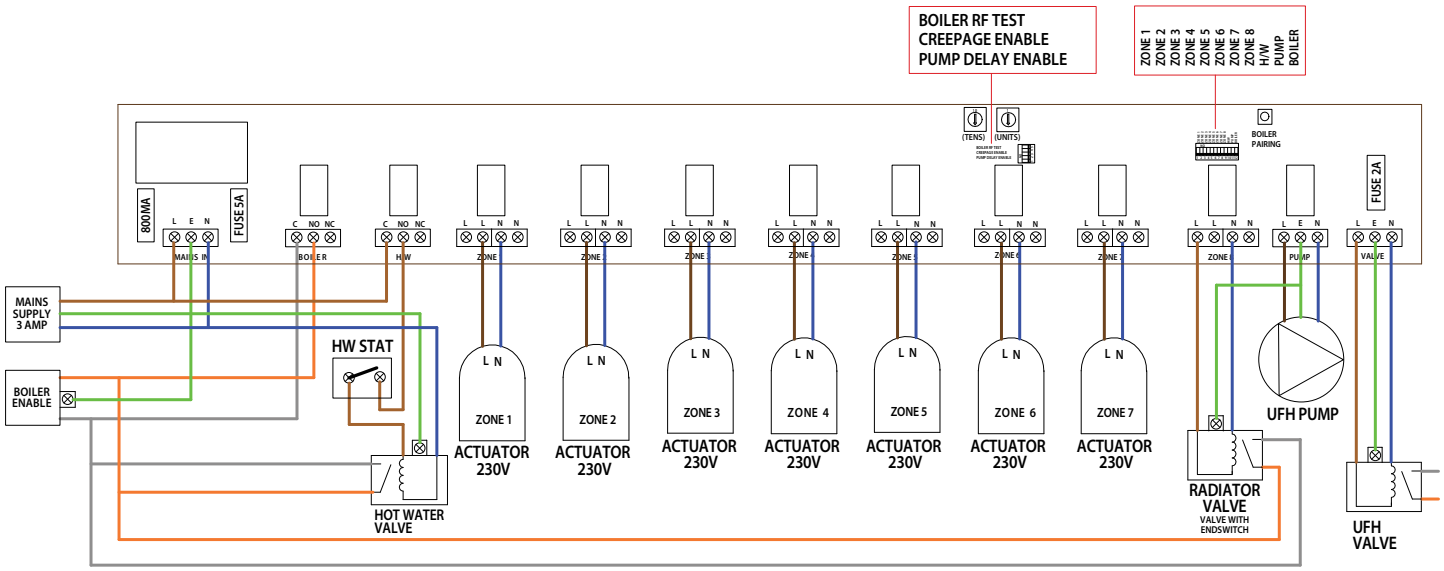
Connectivity
The UH8-RF works with up to eight compatible wireless thermostats. On demand from any zone, a 230v output is provided to switch the relevant zone actuator, underfloor heating pump and valve. A volt free connection is supplied for the boiler, making it compatible with almost all types of boilers.

DIN Rail Mounting
The UH8-RF wiring centre can be DIN Rail Mounted for simple, easy installation.

External Aerial
Part Ref: EA1

Heatmiser Boost
The Heatmiser Boost is our surface mount repeater for the RF System, designed to extend the communication distance between the thermostat and receiver.





Standard Products

8 Zone Wiring Centre
Part Ref: Heatmiser UH8-RF

Wireless Slimline Thermostat
Part Ref: Slimline-RF

Wireless TouchScreen Thermostat
Part Ref: Touch-RF

Low Voltage
Network Control Solution

Total control of your home heating system

Our deluxe system uses our 12v Network Thermostats to create a truly flexible and expandable system. Use the Heatmiser Touchpad for instant access to your heating system.

Headline Information

Providing
Wiring Centre, controlling up to 8 zones
12v Programmable Thermostats in each room
Optional Central Control

Product List
8 Zone Wiring Centre
(expandable up to 32 Zones)
Part Ref: Heatmiser UH1
(See page 30)
Slimline Thermostat
Part Ref: Heatmiser Slimline-N
(See page 04-05 for complete slimline range)
TouchScreen Thermostat
Part Ref: Heatmiser Touch-N
(See page 06-07 for complete TouchScreen range)

Cable Type
Belden 9538 or Cat5(e)-ftp

Optional Products
Central Control
Part Ref: Heatmiser TouchPad
(See page 28-29 for details)

Key Features

Complete Network Control
Our deluxe heating system offers control of up to 32 zones. What's more, it provides the ability to control the entire heating system centrally, with the TouchPad. Designed to be used in conjunction with our Slimline or TouchScreen 12v Network Thermostats, our deluxe heating system really is a complete package for those wanting superior control of their heating system.

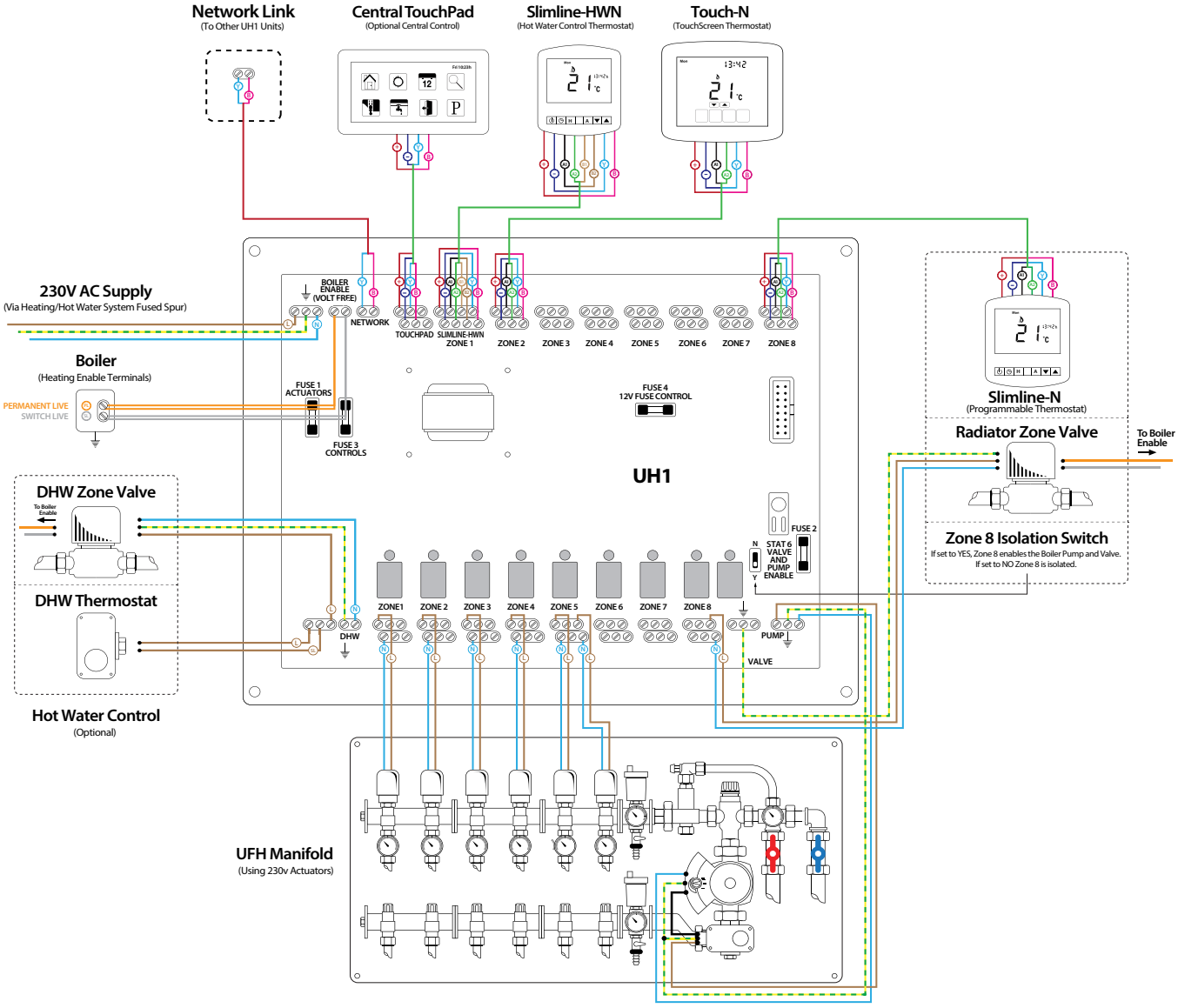
Simple Connectivity
The UH1 allows the connection of up to eight 12v Network Thermostats. On demand from any zone, a 230v output is provided to switch the relevant zone actuator, underfloor heating pump and valve. A volt free connection is supplied for the boiler, making it compatible with almost all types of boilers.

Hot Water Control
The UH1 also takes care of the hot water. A cylinder thermostat connection and a 230v hot water valve output are provided. Controlling the hot water from the UH1 makes sense, not only because it simplifies the wiring, but also because it enables you to control your hot water centrally from the TouchPad and remotely from the NetMonitor.

Radiator Zone Control
A simple slide switch makes zone 8 suitable for controlling a radiator zone. When used for controlling radiators, zone 8 does not enable the underfloor heating pump or valve.

Optional Products

Central Control
Control up to 32 rooms from our TouchPad and benefit from total control of your heating system at your fingertip.



Standard Products

8 Zone Wiring Centre
Part Ref: Heatmiser UH1

Slimline Thermostat
Part Ref: Heatmiser Slimline-N

TouchScreen Thermostat
Part Ref: Heatmiser Touch-N

Mains Voltage Network System

Network control of your mains wired heating system from your Smartphone and Tablet

Our Mains Wired Neo Network is perfect for new build and retrofit markets. Don't worry about installing CAT5 cabling or WiFi Network coverage around the home, our Neo Network System offers a simple to install system that is expandable.

Headline Information

Connections for
8 x Zone outputs
(suitable for 230v actuators)
230v Output for UHF Pump and Valve control
Volt free Boiler Enable

Component Dimensions
UH8 Wiring Center
384 x 148 x 60mm (L,H,D)

Providing
Wiring centre, controlling up to 8 zones
8 Neo Mains Network Thermostats

Product List
8 Zone wiring centre
Part ref: Heatmiser UH8
(See page 31)
7 x neoStat in Heating mode
1 x neoStat in Timer mode
(See page 16-17)
NeoHub

Optional Products
Heatmiser Boost has been designed to extend the range of your Neo System, ensuring the network can reach every part of your home.

Key Features

Neo Network
The Neo Network System is designed to provide reliable communication of the thermostat data whilst at the same time providing an extended communication range. Each neoStat thermostat acts as a repeater on the network, helping to eliminate range issues which are common on standard RF systems.

Easy Upgrade
Customers with existing 230v thermostats can upgrade to the Neo Network System and take control of their system from anywhere. The neoHub gateway connects the neoStats to the internet for access via a Smartphone or Tablet both in the home and remotely from anywhere in the world.

Simple Connectivity
The UH8 allows the connection of up to eight 230v thermostats. On demand from any zone, a 230v output is provided to switch the relevant zone actuator, underfloor heating pump and valve. A volt free connection is supplied for the boiler, making it compatible with almost all types of boilers.

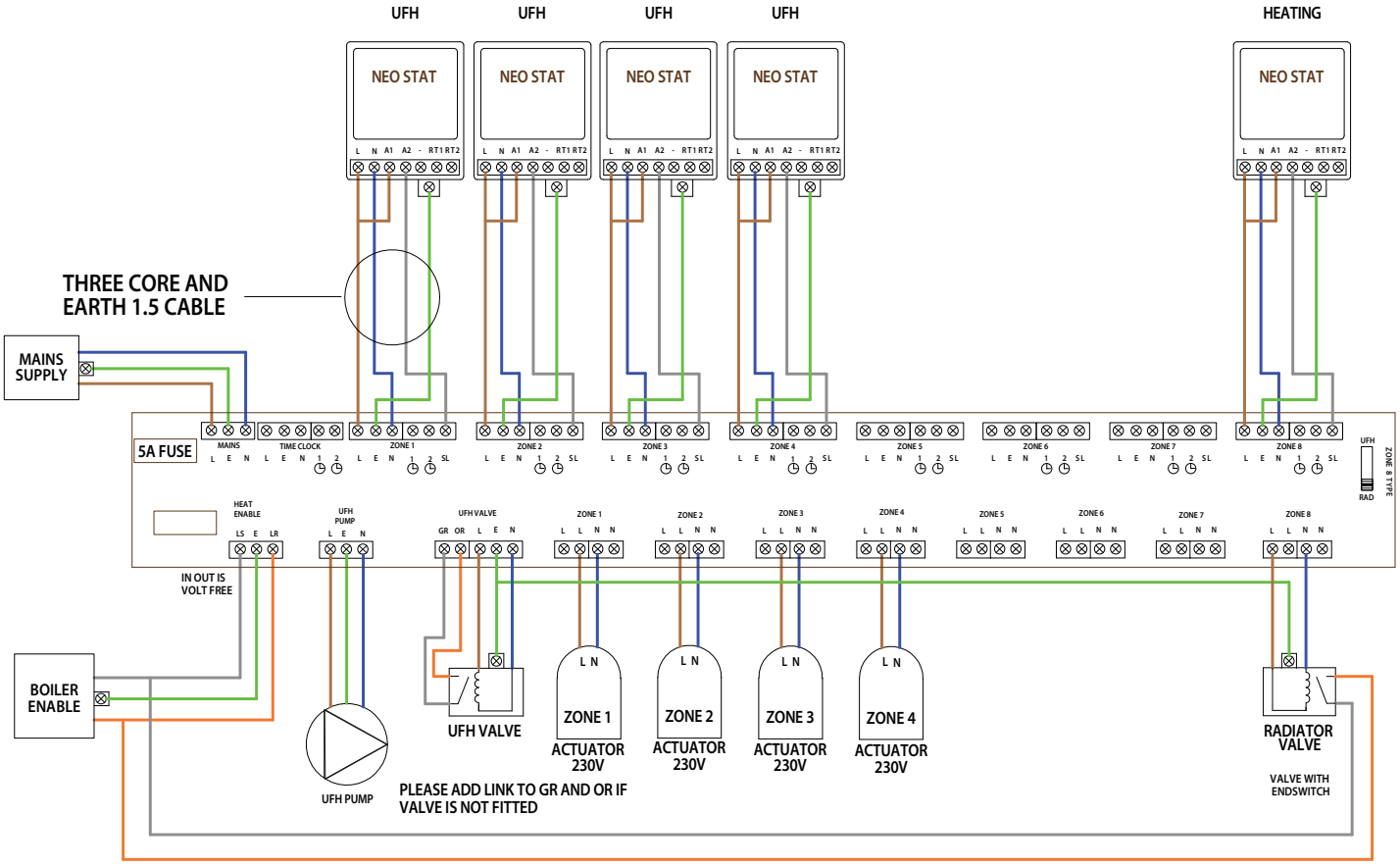
Radiator Zone Control
A simple slide switch make's zone eight suitable for controlling a radiator zone. When used for controlling radiators, zone 8 does not enable the underfloor heating pump, valve and boiler.

Neon Indication
Neon indicators are provided on the UH8 allowing you to see the power, valve, boiler and zone status without the need to remove the cover.

NeoStat Thermostat Flexibility
The neoStat can be set to operate in heating or timer mode, allowing the installer to select on installation if the thermostat will be used to control a heating zone or a timed appliance, such as the hot water or perhaps a towel rail.

230v Models
Are designed to work with our UH8 wiring centre and dial thermostat with set back function, providing simple but effective control.

DIN Rail Mounting
The UH8 wiring centre can be DIN Rail Mounted for simple, easy installation.



Standard Products

8 Zone Wiring Centre
Part Ref: Heatmiser UH8

neoStat (Heat Mode)
Part Ref: neoStat

neoStat (Timer Mode)
Part Ref: neoStat

neoHub
Part Ref: neoHub

Central Control

Designed to give Central Control within your home

Designed to work with our 12v Network Thermostats, the Heatmiser Touchpad provides central control of your home heating system.

Headline Information

Central Control
Part Ref: Heatmiser TouchPad

Up to 32 rooms can be controlled from the full colour TFT Display meaning that walking around each room to turn up or down the heating is a thing of the past.

Display
TouchScreen 4.3" TFT Colour LCD

Number Of Zones
32 (Max)

Titles
Give each room a title

Passcode Protect
When enabled, the user must enter a passcode in order to access the system.

Key Features

Home and Away
This feature gives you a simple way of turning off your heating system whilst you are away. On your return, pressing the Home button will re-enable the system. Ideal when you have a holiday home and are not sure when you will return.

Holiday
Use the holiday feature to put the heating into frost mode whilst you are away. At the end of the holiday, each room will revert back to the programmed time, ensuring your home is warm on your return.

Temperature Hold
Use this function to hold a desired temperature for a fixed period, ideal for unexpected activities. Apply to a single or multiple rooms.

Profiles
Gives the ability to store a set of comfort levels for a group of rooms. This setting can be applied as and when required, for example at the start of a new shift.

Copy Facility
Save time - copy comfort levels between rooms.

Auto GMT Correction
Automatically adjusts the clocks in all of the thermostats at the start of summer and winter time.

History
The TouchPad will store hours of temperature history.

USB Export
The temperature log can be exported via the USB connection.

Key Lock
Lock each thermostat to prevent misuse.

Hot Water Boost
Use the hot water boost to quickly override the hot water settings.

Quick View
See at a glance the current thermostat status throughout your building.

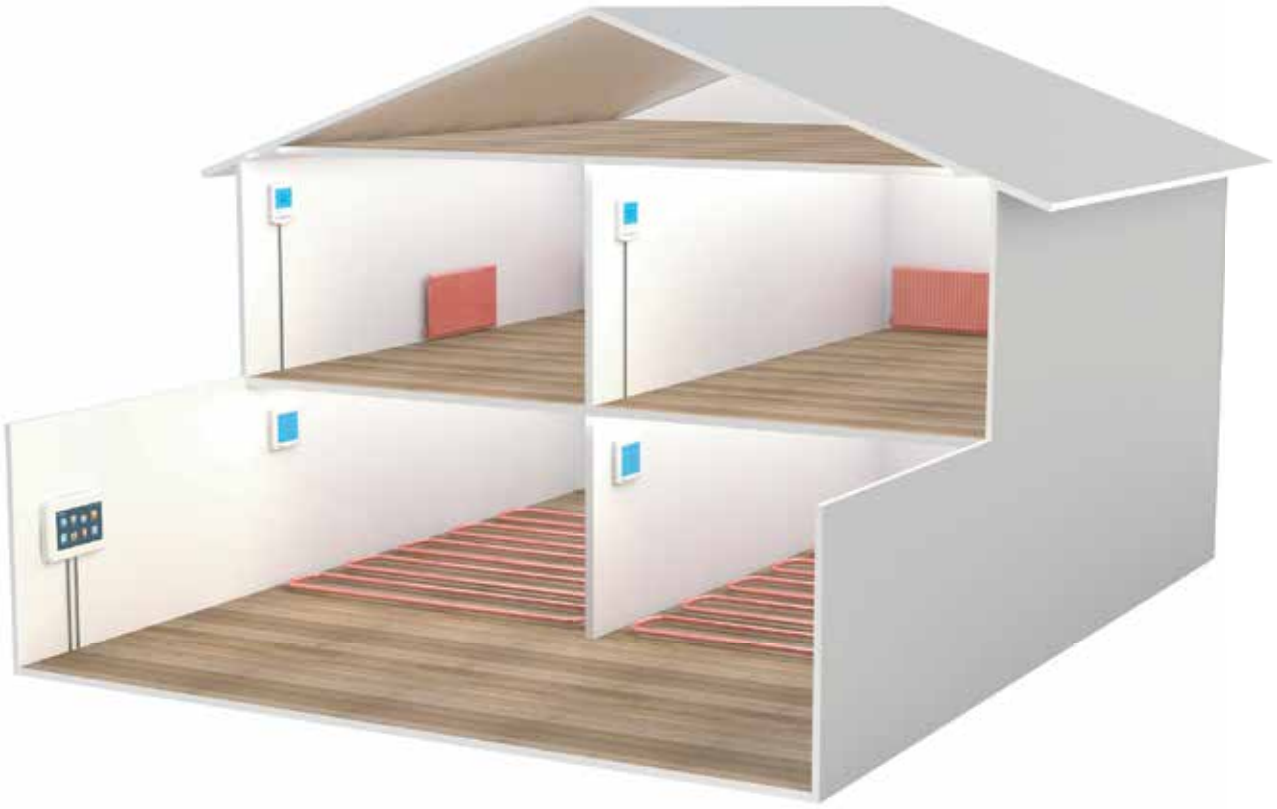
Auto Time Sync
Syncronises all of the thermostat clocks on the network.

Intuitive User Interface

Central Control

Temperature Hold

Home & Away



Central Wiring Switch Boxes

Multi-zone wiring centres - Designed to make installation simple

Our central wiring switch boxes have been designed to simplify the wiring process. Using our wiring centres in your application means that the actuator, boiler and pump connections are wired from a single point.

12v **12v Network Thermostat Wiring Centre**

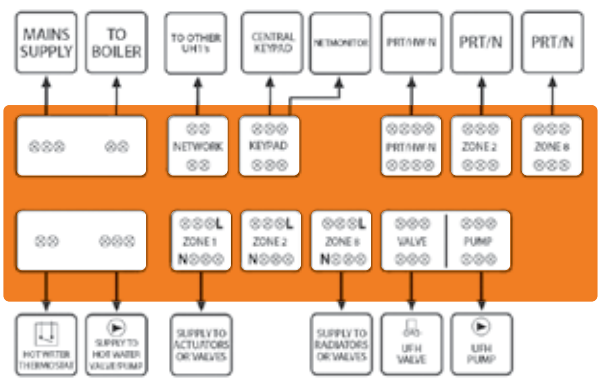
Part Ref: Heatmiser UH1

The UH1 is designed to be used in conjunction with our 12v network thermostats. The UH1 provides central switching and is therefore ideally situated next to the underfloor heating manifold. Eight zones can be controlled as well as providing an output for a hot water cylinder. On demand from any zone, a 230v output is provided to switch the relevant zone actuators, underfloor heating pump and valve. A volt free connection is supplied for the boiler, making it compatible with almost all types of boilers. Up to six actuators can be connected to each zone. An option is provided to turn zone 8 into a radiator zone. In this mode the underfloor heating pump, valve and boiler are not enabled when there is a call for heat from zone 8.

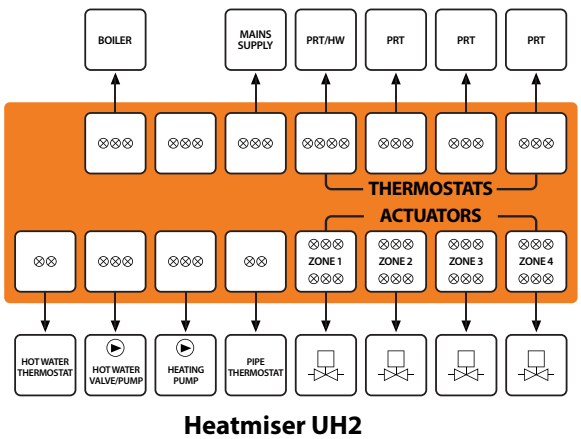
230v **230v 4 Zone Wiring Centre**

Part Ref: Heatmiser UH2

The UH2 can be used in conjunction with our mains thermostats. The UH2 provides central switching of up to four zone actuators as well as providing an output for a hot water cylinder and the heating system boiler and pump. When used for underfloor heating, an option is available to use zone 4 for conventional radiator control. Up to six actuators can be connected to each zone.



Heatmiser UH1



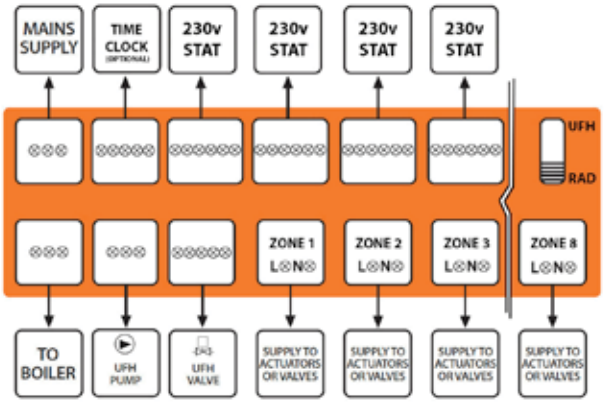
Heatmiser UH2

230v

230v 8 Zone Wiring Centre

Part Ref: Heatmiser UH8

The UH8 is designed to work with our four channel 230v time clock (TM4) and 230v Set back thermostat (DS-SB) but equally could be used with any 230v room thermostat. Up to eight zones can be controlled from the UH8. On board the UH8 are two heating time channels, each zone allows you to specify which time channel it should follow. Two additional time channel connections are provided for hot water control or other auxiliary devices. On demand from any zone, a 230v output is provided to switch the relevant zone actuator, underfloor heating pump and valve. A volt free connection is supplied for the boiler, making it compatible with almost all types of boilers. A simple slide switch makes zone 8 suitable for controlling a radiator zone. When used for controlling radiators, zone 8 does not enable the underfloor heating pump, valve and boiler. Up to four actuators can be connected to each zone.



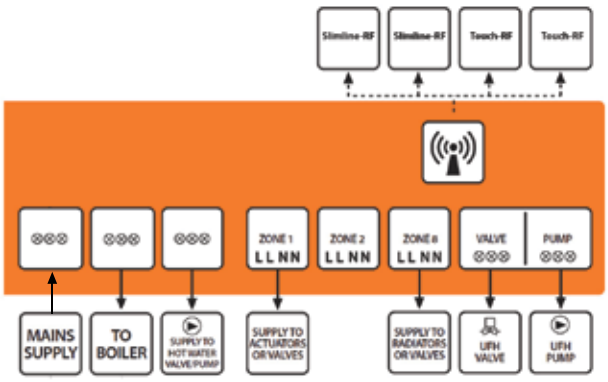
Heatmiser UH8

230v

Wireless 230v 8 Zone Wiring Centre

Part Ref: Heatmiser UH8-RF

The UH8-RF is designed to be used in conjunction with our compatible wireless thermostats. The UH8-RF provides central switching and is therefore ideally situated next to the underfloor heating manifold. Eight zones can be controlled as well as providing an output for hot water control. On demand from any zone, a 230v output is provided to switch the relevant zone actuators, underfloor heating pump and valve. A volt free connection is supplied for the boiler, making it compatible with almost all types of boilers. Up to six actuators can be connected to each zone. An external aerial is available for use when the UH8-RF is being mounted in a metal cupboard or when the wireless signal is restricted. A software option in the thermostat allows you to configure which zones are underfloor heating and which zones are radiators.



Heatmiser UH8-RF

UH8-RF is not suitable for use in Australia.

Stylish Thermostats For Modern Living

Heatmiser UK Ltd
8 & 9 Hurstwood Court, Mercer Way
Shadsworth Business Park, Blackburn
Lancashire. BB1 2QU, England
Tel: +44 (0)1254 669090
Fax: +44 (0)1254 669091
Email: sales@heatmiser.com

Registered in England: 3747773
WEEE Registration Number: WEE/GF0052TQ

Follow us on: twitter
Twitter: @heatmiseruk

Find us on: facebook
Facebook: facebook.com/thermostats